USB1.1 CardBus PC Card Installation Guide

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1. Introduction

The USB CardBus PC Card is specially designed to connect USB devices to any Notebook computer with CardBus (similar to PCMCIA, but 32-bit bus instead) slots. USB is the Universal Serial Bus interface standard for portable and desktop computing environments. It provides an important linking technology that bridges the consumer and computer markets. It also provides the complete new digital "connectivity solution" for computers and peripherals.

The USB standard describes a serial bus driven by an advanced communication protocol which is designed for low system cost while providing the data transfer rate needed for a high-performance peripheral bus. Because of the inherent advantages that USB possesses, it become the interface standard of the current computers.

To fit in different purposes, the key specifications of USB1.1 CardBus PC card family were stated below:

Model	Support Systems	USB Standard	Max. Speed	I/O hardware
6610	PC & MAC	USB1.1 (OHCI)	12Mbps	2 x USB Type-A connectors
6620	PC & MAC	USB2.0 (OHCI)	480Mbps	2 x USB Type-A connector

Note:
The above specifications will be changed according to the market trend without notice, please contact your local dealer for more details.

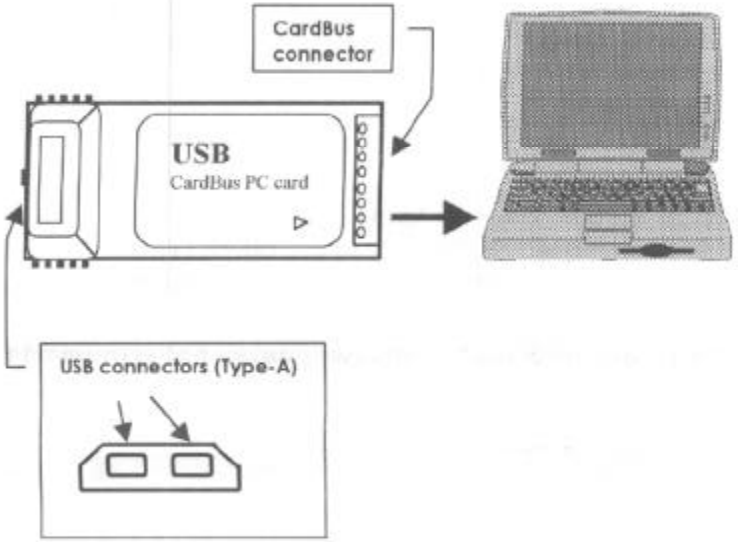
2. Package Check List

Before installing the USB CardBus PC Card to your Notebook computer, please make sure the following accessories are well included in the box :

- ☐ USB CradBus PC card x 1
- ☐ Installation Guide x 1

(Mark the check box to help you check it correctly.)

3. PC Card and Connectors



4. Installing the USB CardBus PC Card

The USB CardBus PC card can be hot-plugged to your Notebook PC due to the specifications of CardBus. It supports the following operating systems:

- Microsoft Windows 98, ME, 2000
- Apple MacOS 8.6 or above

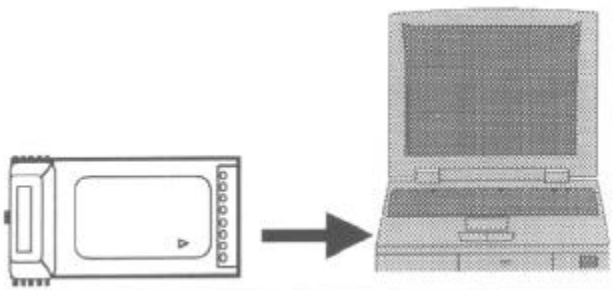
Please go to Apple Computer's Web site to download the USB Card Support driver (Version 1.4.1 or newer) if your USB PC card is not recognized by your MacOS:

http://asu.info.apple.com/swupdates.nsf/artnum/n11543?OpenDocument

Due to the hot-plug feature of the CardBus, the installation of the USB CardBus PC card is quite straightforward.

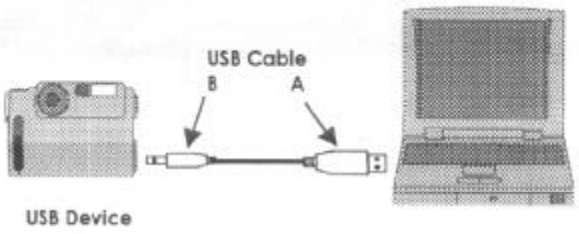
1. **Use static electricity discharge precautions.**
   Remove possible static discharge potential from any objects that the PC Card may come in contact with before installation. This can be accomplished by touching a bare metal chassis rail after you have turned off the power.

2. **Locate an unused CardBus slot, insert PC Card into Notebook PC (please note the direction of the PC Card should match the direction of the CardBus slot)**



3. **The "Add New Hardware Wizard" in the Operating Systems will be invoked, and will guide you to complete the whole driver installations.**

4. **Installing USB cables**
   The USB CardBus PC card supports two USB ports. There is no USB cable included because they are supplied with the USB devices. The cables are usually called A-to-B USB cable. Please connect the A-connector to USB CardBus PC card, and B-connector to USB device.



5. **Turn ON your USB device power to install their device drivers and function properly.**

5. Software Installation

The USB CardBus Card is supported by the leading operating systems on 32-bit CardBus based systems. Information for software support as the following table:

Operating Systems	Pointing Devices Driver Support (Mouse, Keyboard)	Storage Devices (Hard Drive, CD-RW, ...)
Windows 98	Bundled.	Require Drivers
Windows ME	Bundled.	Bundled
Windows 2000	Bundled.	Bundled.
Apple MAC OS8.6 or later	Bundled (updated from Apple Web site).	Require Drivers

5.1.1 Installing USB CardBus PC Card Driver

The USB CardBus PC Card is fully Microsoft Plug-and-Play compliant and directly supported by Windows 98, ME, and 2000. Hence, the software installation for Windows is simple and straightforward. You only need to install it once when the USB CardBus Card first time plugged in your Notebook PC. They will be detected automatically afterward.

5.1.2 Removing the USB CardBus PC card

If you are running Windows, please go to "unplug or Eject Hardware" menu (see the following figure) to stop the USB CardBus PC card, then unplug it from your Notebook.